AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method for a preamble-based bandwidth request of a base station, the method comprising:

receiving a raging code from a subscriber station;

transmitting a first raging response message including first state control information to the subscriber station in response to the ranging code;

receiving a bandwidth request code from the subscriber station after transmitting the first ranging response message;

transmitting a second ranging response message including second state control information based on a channel state to the subscriber station in response to the bandwidth request code; and

allocating an uplink resource for transmission of a bandwidth request message to the subscriber station.

2. (Canceled)

3. (Currently Amended) The method as claimed in claim 21, wherein the second ranging response message includes information for discrimination of a subscriber station which transmitted the bandwidth request code.

4. (Previously Presented) The method as claimed in claim 3, wherein the information for discrimination of the subscriber station includes at least one of a frame number, a slot number, a sub-channel number, and a code number.

5. (Previously Presented) The method as claimed in claim 4, wherein allocating the uplink resource includes allocating the uplink resource for transmission of the bandwidth request message to the subscriber station using the information for discrimination of the subscriber

station.

6. (Canceled)

7. (Currently Amended) The method as claimed in claim 1 2, wherein transmitting the second ranging response message state-control-information-includes allocating a temporary connection identifier to the subscriber station which transmitted the bandwidth request code, and transmitting the allocated temporary connection identifier using the second response message.

8. (Previously Presented) The method as claimed in claim 7, wherein allocating the uplink resource includes allocating the uplink resource for transmission of the bandwidth request message to the subscriber station using the temporary connection identifier.

9. (Currently Amended) A method for a preamble-based bandwidth request of a subscriber station, the method comprising:

transmitting a raging code from a base station;

receiving a first raging response message including first state control information from the base station in response to the ranging code, and controlling the state of a subscriber station based on the first state control information;

transmitting a bandwidth request code to the base station after receiving the first ranging response message;

receiving a second ranging response message including second state control information from the base station in response to the bandwidth request code, and controlling the state of a the subscriber station based on the second state control information;

receiving an uplink resource allocated for transmission of a bandwidth request message from the base station; and

performing modulation and channel coding based on second channel state information received from the base station, and transmitting uplink data using the bandwidth request message.

10. (Currently Amended) The method as claimed in claim 9, wherein receiving the second ranging response message state control information includes receiving a temporary connection identifier allocated together with the state control information from the base station.

11. (Previously Presented) The method as claimed in claim 10, wherein receiving the uplink resource includes receiving the allocated uplink resource using the temporary connection identifier.

12. (Currently Amended) The method as claimed in claim 9, wherein receiving the second ranging response message state control information includes controlling at least one of timing, power, and frequency as the state of the subscriber station.

13. (Currently Amended) The method as claimed in claim 9, wherein at least one of the first state control information and the second state control information includes timing and power offset adjustment information.

14. (Currently Amended) The method as claimed in claim 1, wherein at least one of the first state control information and the second state control information includes timing and power offset adjustment information.